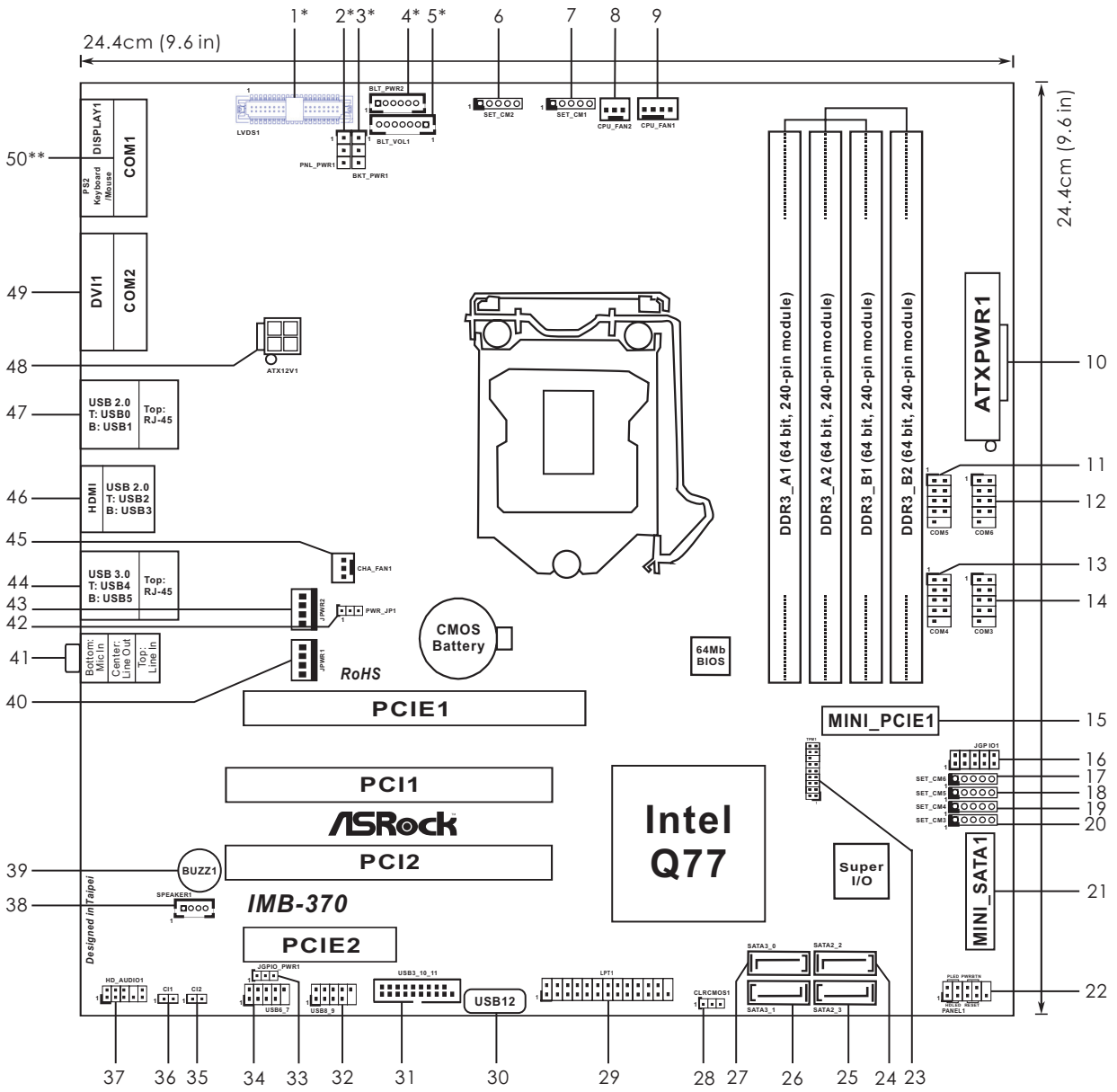
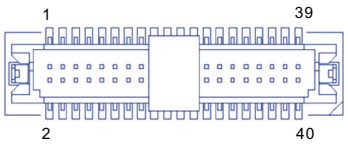
Jumpers and headers setting guide

IMB-370-L
IMB-370-D



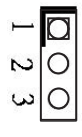
* For IMB-370L only

1* : LVDS Panel Connector



PIN	Signal Name	PIN	Signal Name
2	R_LVDD	1	R_LVDD
4	LDDC_CLK	3	+3V
6	LVDS_A_DATA0#	5	LDDC_DATA
8	GND	7	LVDS_A_DATA0
10	LVDS_A_DATA1	9	LVDS_A_DATA1#
12	LVDS_A_DATA2#	11	GND
14	GND	13	LVDS_A_DATA2
16	LVDS_A_DATA3	15	LVDS_A_DATA3#
18	LVDS_A_CLK#	17	GND
20	GND	19	LVDS_A_CLK
22	LVDS_B_DATA0	21	LVDS_B_DATA0#
24	LVDS_B_DATA1#	23	GND
26	GND	25	LVDS_B_DATA1
28	LVDS_B_DATA2	27	LVDS_B_DATA2#
30	LVDS_B_DATA3#	29	DPLVDD_EN
32	GND	31	LVDS_B_DATA3
34	LVDS_B_CLK	33	LVDS_B_CLK#
36	CON_LBKLT_EN_R	35	GND
38	LCD_BLT_VCC	37	CON_LBKLT_CTL_R
40	LCD_BLT_VCC	39	LCD_BLT_VCC

2* : Panel Power Selection
1-2 : +3V
2-3 : +5V



3* : Backlight Power Selection
1-2 : +5V
2-3 : +12V

4* : Inverter Power control Wafer

PIN	Signal Name
1	GND
2	GND
3	CON_LBKLT_CTL
4	CON_LBKLT_EN
5	LCD_BLT_VCC
6	LCD_BLT_VCC

5* : Backlight & Amp Volume Control

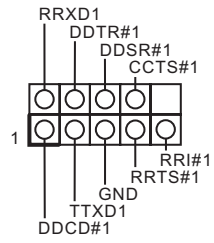
PIN	Signal Name
1	GPIO_VOL_UP
2	GPIO_VOL_DW
3	PWRDN
4	GPIO_BLT_UP
5	GPIO_BLT_DW
6	GND
7	GND

COM Port Signal/Power Setting Jumpers
6 : For COM2
7 : For COM1
17 : For COM6
18 : For COM5
19 : For COM4
20 : For COM3
1-2 : +12V
2-3 : +5V
4-5 : RI#

8 : 3-Pin CPU FAN Connector (+12V)
9 : 4-Pin CPU FAN Connector (+12V)

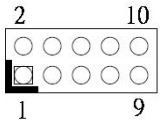
10 : 20-pin ATX Power Input Connector

RS-232 Port 4 Pin Headers
11 : COM5
12 : COM6
13 : COM4
14 : COM3



15 : mini-PCIE Slot

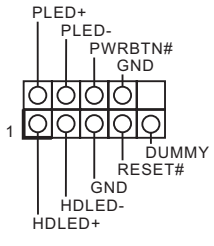
16 : Digital Input / Output Pin Header

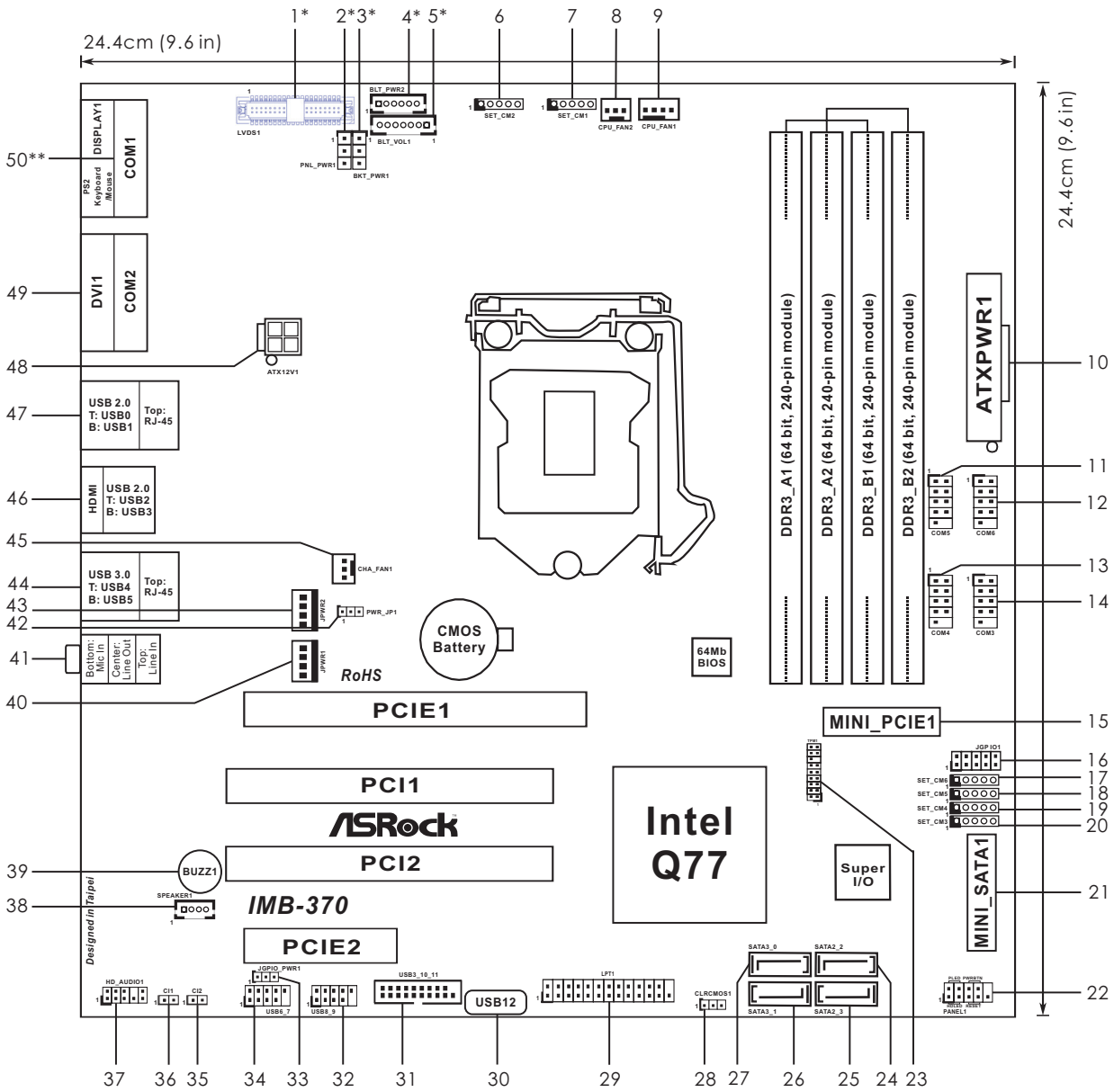


PIN	Signal Name	PIN	Signal Name
1	Digital Output 0	2	Digital Input 0
3	Digital Output 1	4	Digital Input 1
5	Digital Output 2	6	Digital Input 2
7	Digital Output 3	8	Digital Input 3
9	JGPIO_PWR1	10	GND

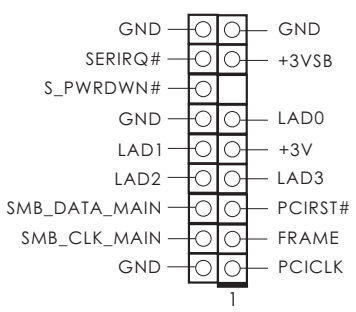
21 : mini-SATA Slot

22 : System Panel Header





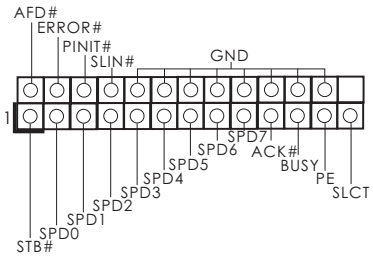
23 : TPM Header



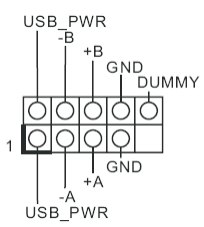
24 : SATA2_2 Connector (Blue)
25 : SATA2_3 Connector (Blue)
26 : SATA3_1 Connector (White)
27 : SATA3_0 Connector (White)

28 : Clear CMOS Header
1-2: Normal
2-3: Clear CMOS

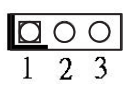
29 : Printer Port Header



30 : USB2.0 Port (USB12)
31 : USB3.0 Header (USB3_10_11)
32 : USB2.0 Header (USB8_9)
34 : USB2.0 Header (USB6_7)

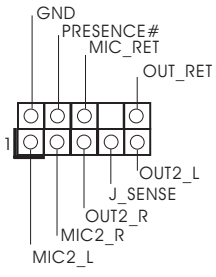


33 : Digital Input / Output Power select
1-2: +12V
2-3: +5V

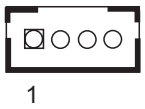


35 : Chassis Intrusion Header 2
36 : Chassis Intrusion Header 1

37 : Front Panel Audio Header



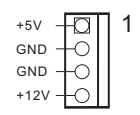
38 : 3W Audio AMP Output Wafer



PIN	Signal Name
1	SPK L-
2	SPK L+
3	SPK R+
4	SPK R-

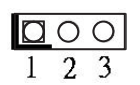
39 : Buzzer

40 : SATA Power Connector 1
43 : SATA Power Connector 2



41 : Audio Jacks
Blue - Line In
Green - Line Out
Pink - Mic In

42 : ATX/AT mode Selection
1-2: AT mode
2-3: ATX mode



44 : Top : RJ45 LAN Port 2
Bottom : USB3.0 (USB_4_5)

45 : 3-Pin Chassis FAN Connector (+12V)

46 : Top : USB2.0 (USB23)
Bottom : HDMI

47 : Top : RJ45 LAN Port 1
Bottom : USB2.0 (USB_0_1)

48 : 4-pin ATX Power Input Connector

49 : Top : COM2
Bottom : DVI1 (DVI-I, CRT combo)

** Only IMB-370D has DisplayPort

50 : Top : COM1
**Bottom left: Display1
Bottom right: PS/2 Keyboard/Mouse